

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Stephen W. DOWNING

**Title:** APPARATUSES AND METHODS  
FOR PERFORMING MINIMALLY  
INVASIVE DIAGNOSTIC AND  
SURGICAL PROCEDURES INSIDE  
OF A BEATING HEART

**Appl. No.:** Unknown

**Filing Date:** June 15, 2001

**Examiner:** Unknown

**Art Unit:** Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Stephen W. Downing  
1407 Carrollton Avenue  
Baltimore, Maryland 21204

[ ] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- [ X ] Specification, Claim(s), Abstract, and Reference List (46 pages).
- [ X ] Informal drawings (21 sheets, Figures 1-23B).
- [ X ] Unexecuted Declaration and Power of Attorney (3 pages).
- [ ] Assignment of the invention.
- [ ] Assignment Recordation Cover Sheet.

- ☐ Small Entity statement.
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- ☐ Information Disclosure Statement.
- ☐ Form PTO-1449 with copies of \_\_\_ listed reference(s).
- ☐ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	29	- 20	= 9	x \$18.00	= \$162.00
Independents:	8	- 3	= 4	x \$80.00	= \$320.00
If any Multiple Dependent Claim(s) present:				+ \$270.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration				+ \$130.00	= \$130.00
				SUBTOTAL:	= \$1322.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$1,322.00

- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☐ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date

June 15, 2001

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By

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